

Fig. 1

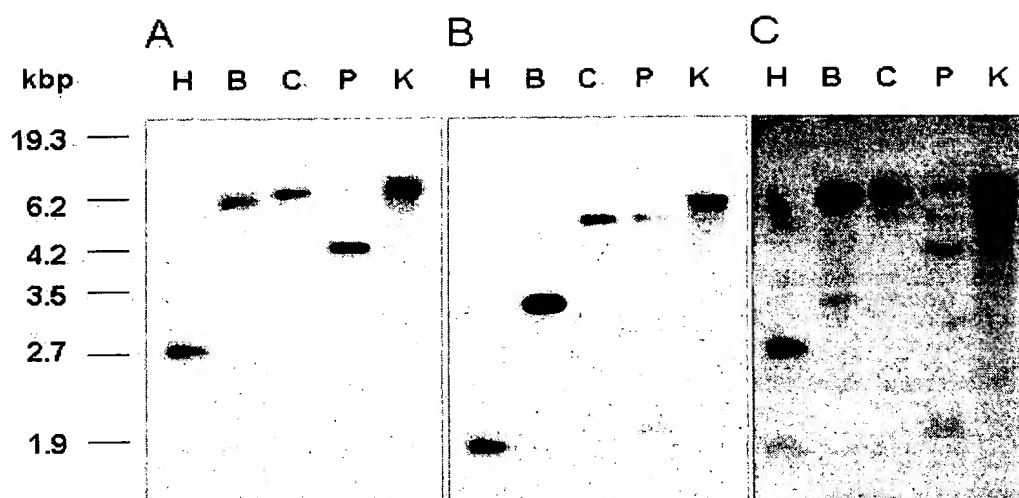
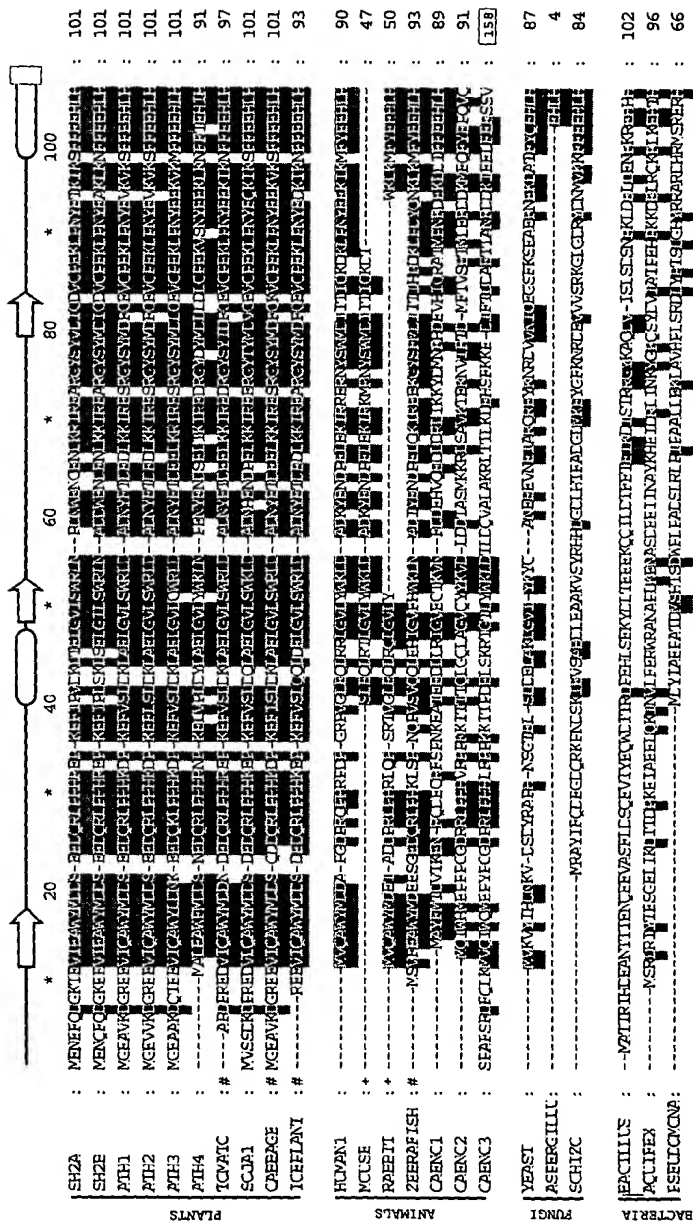


Fig. 2



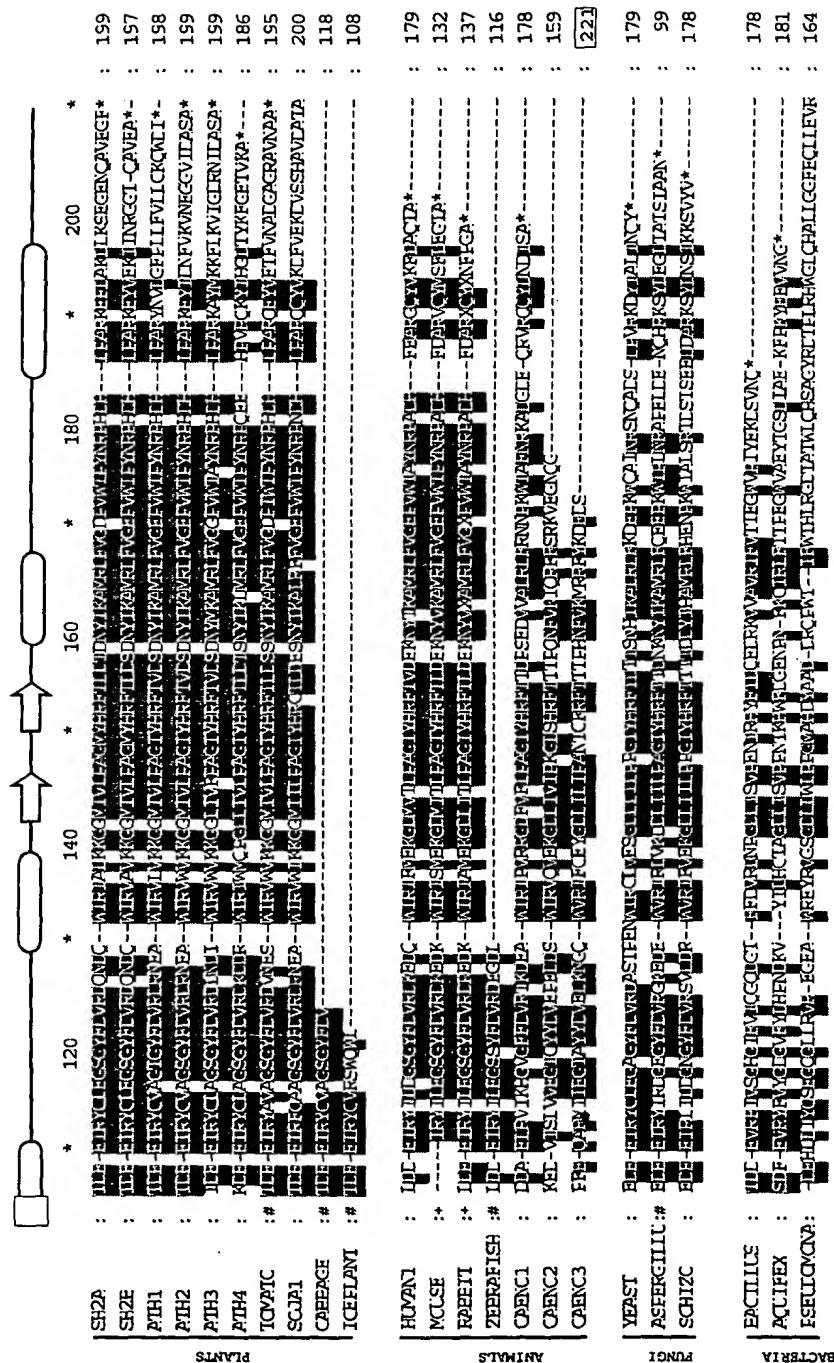


Fig. 3

	SH2A	SH2B	ATH1	ATH2	ATH3	ATH4	HUMAN	CAENO1	CAENO2	CAENO3	SCHIZO	SCEREV	BACSUB	AQUIFEX	PSEUDO
<i>Oryza sativa</i> SH2A		84 (93)	70 (85)	71 (87)	67 (83)	59 (74)	50 (67)	30 (49)	20 (35)	23 (46)	33 (46)	32 (51)	17 (33)	14 (29)	14 (24)
<i>Oryza sativa</i> SH2B		84 (93)	75 (87)	75 (88)	70 (84)	60 (75)	54 (69)	31 (49)	20 (35)	24 (47)	31 (44)	33 (50)	18 (33)	14 (29)	14 (24)
<i>Arabidopsis thaliana</i> 1		70 (85)	75 (87)	92 (95)	80 (88)	57 (73)	56 (68)	32 (52)	20 (36)	26 (47)	33 (45)	35 (51)	18 (34)	14 (30)	14 (26)
<i>Arabidopsis thaliana</i> 2		71 (87)	75 (88)	92 (95)	82 (89)	58 (75)	54 (68)	31 (50)	18 (34)	24 (45)	33 (46)	34 (50)	18 (33)	14 (30)	13 (25)
<i>Arabidopsis thaliana</i> 3		67 (83)	70 (84)	80 (88)	82 (89)	57 (73)	54 (69)	30 (50)	18 (34)	23 (45)	23 (45)	33 (48)	18 (32)	15 (30)	12 (26)
<i>Arabidopsis thaliana</i> 4		59 (74)	60 (75)	57 (73)	58 (75)	57 (73)	54 (70)	34 (53)	23 (46)	24 (41)	27 (41)	39 (56)	19 (32)	18 (30)	12 (24)
<i>Homo sapiens</i>		50 (67)	54 (69)	56 (69)	54 (68)	54 (69)	54 (70)	39 (58)	22 (37)	29 (53)	35 (51)	38 (55)	19 (34)	17 (32)	12 (23)
<i>Caenorhabditis elegans</i> 1		30 (49)	31 (49)	32 (52)	31 (50)	30 (50)	34 (53)	39 (58)	15 (29)	23 (46)	36 (51)	32 (49)	18 (35)	20 (33)	11 (25)
<i>Caenorhabditis elegans</i> 2		20 (35)	20 (35)	20 (36)	18 (34)	18 (34)	23 (46)	22 (37)	15 (29)	33 (48)	15 (29)	15 (31)	10 (23)	9 (20)	5 (12)
<i>Caenorhabditis elegans</i> 3		23 (46)	24 (47)	26 (47)	24 (45)	23 (45)	24 (41)	29 (53)	23 (46)	33 (48)	22 (42)	21 (45)	14 (35)	12 (25)	8 (22)
<i>Schizosaccharomyces pombe</i>		33 (46)	31 (44)	33 (45)	33 (46)	33 (48)	27 (41)	35 (51)	15 (29)	22 (42)	37 (58)	18 (36)	20 (34)	14 (26)	15 (24)
<i>Saccharomyces cerevisiae</i>		32 (51)	33 (50)	35 (51)	34 (50)	34 (50)	39 (56)	38 (55)	32 (49)	15 (31)	21 (45)	37 (58)	16 (33)	17 (30)	15 (24)
<i>Bacillus subtilis</i>		17 (33)	18 (33)	18 (34)	18 (33)	18 (32)	19 (32)	19 (34)	18 (35)	10 (23)	14 (35)	18 (36)	16 (33)	26 (46)	6 (19)
<i>Aquifex aeolicus</i>		14 (29)	14 (29)	14 (30)	14 (30)	15 (30)	18 (30)	17 (32)	20 (33)	9 (20)	12 (25)	20 (34)	17 (30)	26 (46)	7 (19)
<i>Pseudomonas aeruginosa</i>		14 (24)	14 (24)	13 (25)	12 (26)	12 (24)	12 (23)	11 (25)	5 (12)	8 (22)	14 (26)	15 (24)	6 (19)	7 (19)	
	SH2A	SH2B	ATH1	ATH2	ATH3	ATH4	HUMAN	CAENO1	CAENO2	CAENO3	SCHIZO	SCEREV	BACSUB	AQUIFEX	PSEUDO

Fig.4

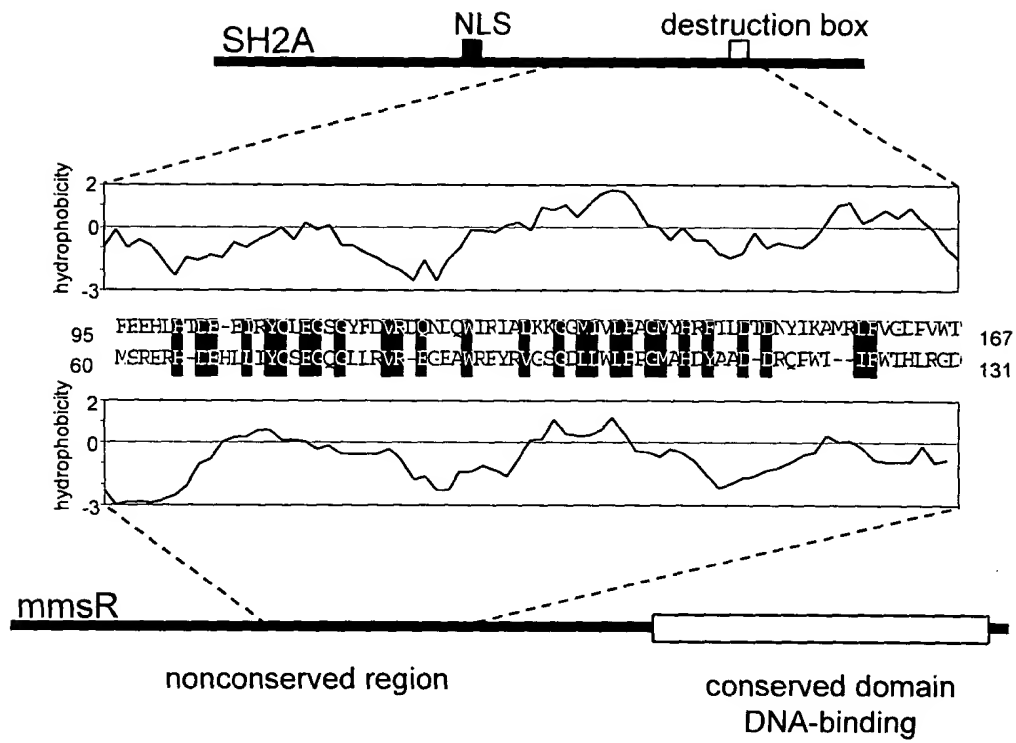


Fig. 5

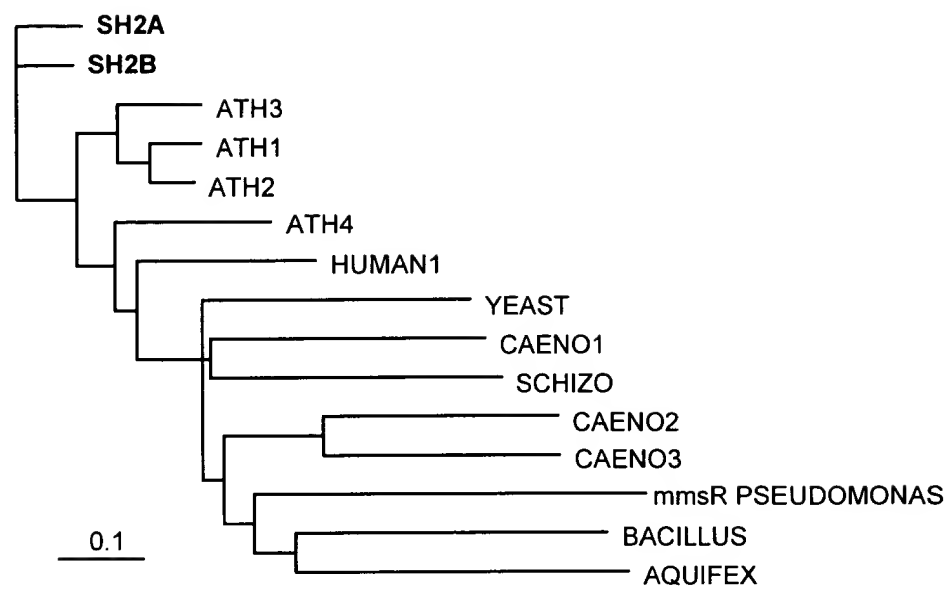
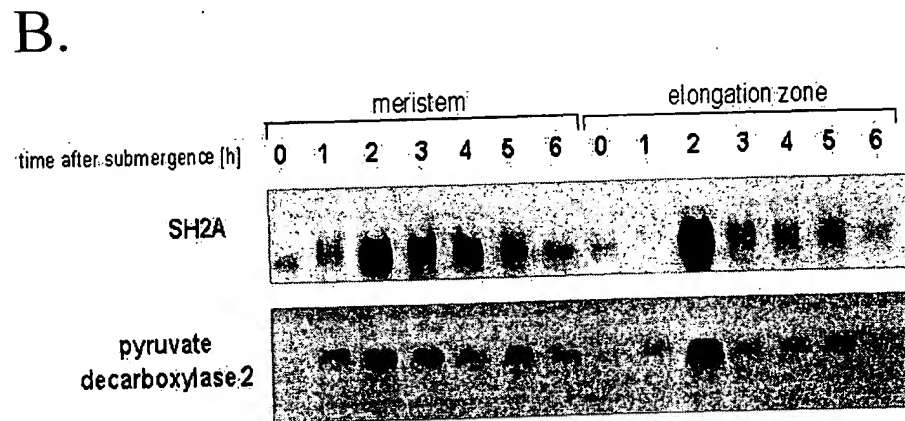
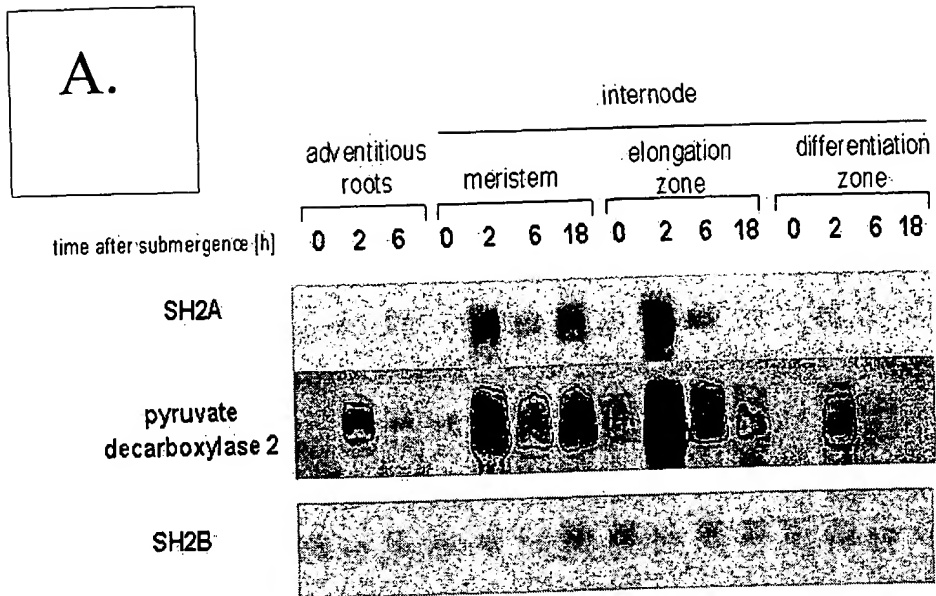
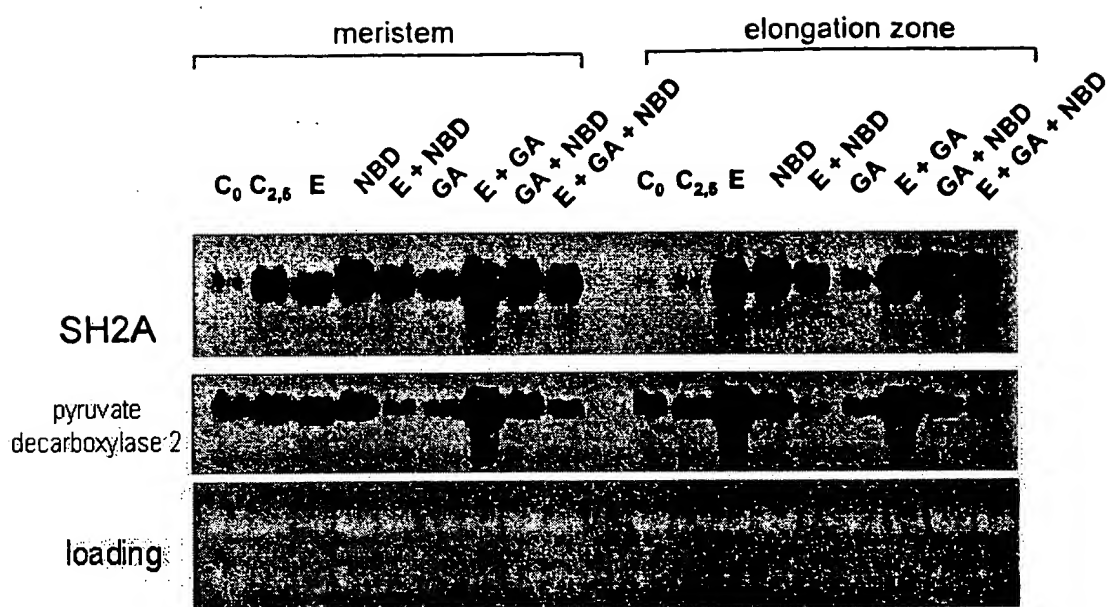


Fig. 6



095738 06458460

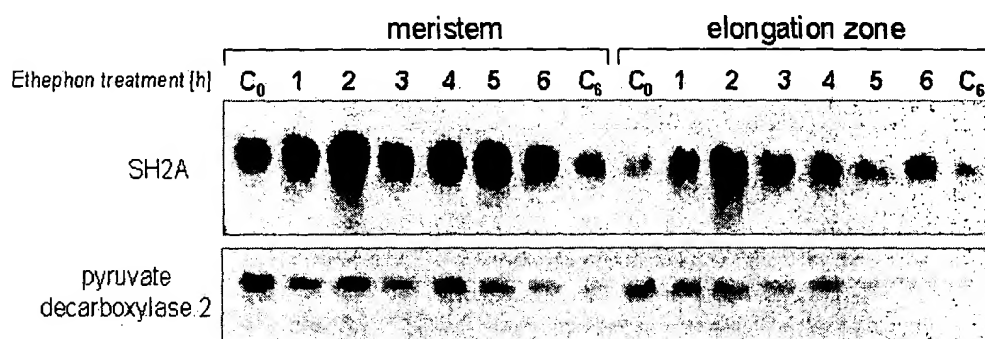
Fig. 7



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Fig.8

A



B

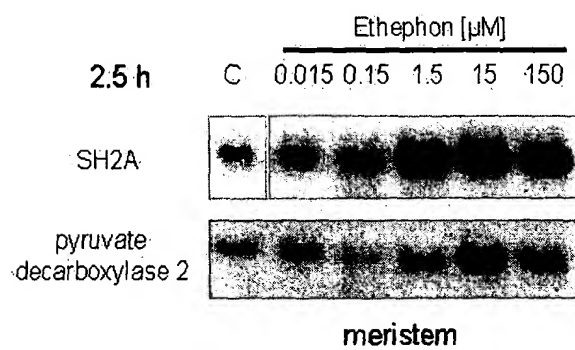
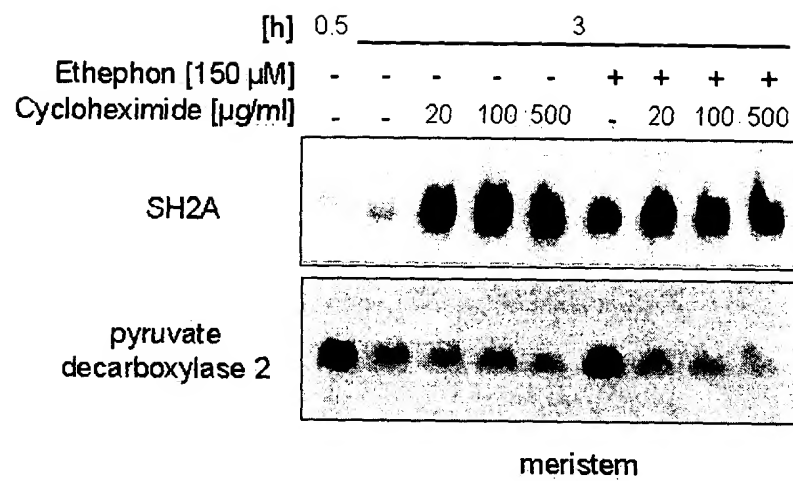
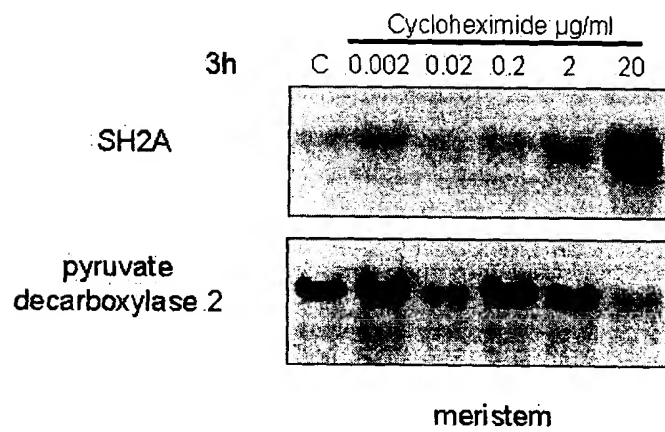


Fig.9

A



B



09783738-088260

Figure 1 consists of 12 micrographs arranged vertically, labeled 1 through 12. Each micrograph shows a different stage of embryonic development. The stages are: 1. Fertilized egg (single cell), 2. 2-cell stage, 3. 4-cell stage, 4. 8-cell stage, 5. Morula stage, 6. Gastrula stage, 7. Early neurulation stage, 8. Late neurulation stage, 9. Hatching stage, 10. Hatched embryo, 11. Hatched embryo, 12. Hatched embryo. The images show the progression from a single cell to a fully formed embryo with visible internal structures.



Exon

anaerobiosis,

ethylen

GA, ABA, anaerobiosi

- anaerobic responsive
 ● ethylene-
 ▲ ABA-
 □ GAGA-
 □ cAMP-RE (jasmonate-RE, GA-
 △ GA-
 ▽ MYB-binding
 - Pyrimidine-
- GA responsive